

IN THE APPLICATION

OF

Jane M. Hyman

FOR

Portable Insulin Caddy

FILED WITH

THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL MAILING CERTIFICATE
Express Mail® mailing label number: EE 353 877 115 US
Date of Deposit 15 December 2003
I hereby certify that this paper or fee is being deposited with
the United States Postal Service "Express Mail Post Office to
Addressee" under 39 CFR 1.10 on the date indicated above and is
addressed to "Mail Stop Patent Applications, Commissioner
for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450"

Michael X. Kroll
Attorney for Applicant

Hyman; Doc. No. JH-1-gw; 14 Nov. 2003

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates generally to portable insulin storage and, more specifically, to a portable insulin and accessory kit for diabetics that is comprised of a polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides hook and loop fasteners for a secure closure. The diabetic insulin kit of the present invention provides a compact, sanitary means for travel.

In addition, a polymeric, portable insulin storage box is provided comprising a hingedly attached cover to a bottom portion having divided sections for the storage of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

Description of the Prior Art

There are other insulin storage devices designed for the purpose of the present invention.

While these devices may be suitable for the purposes for which they were designed, they would not be as suitable for the purposes of the present invention as heretofore described.

It is thus desirable to provide a portable insulin and accessory kit for diabetics that is comprised of a polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides hook and loop fasteners for a secure closure. The diabetic insulin kit of the present invention provides a compact, sanitary means for travel.

In addition, a polymeric, portable insulin storage box is provided comprising a hingedly attached cover to a bottom portion having divided sections for the storage of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

SUMMARY OF THE PRESENT INVENTION

The present invention discloses a portable insulin and accessory kit for diabetics that is comprised of a case made of polymeric or waterproof material having an inside portion divided in three equal sections, each section providing means for securing and storing insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides hook and loop fasteners for a secure closure. In addition, a polymeric, portable insulin storage box is provided comprising a hingedly attached cover attached to a bottom portion having divided sections for the storage of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

A primary object of the present invention is to provide a portable insulin and accessory kit for diabetics.

Another object of the present invention is to provide a portable insulin and accessory kit for diabetics that is comprised of a polymeric or water proof material.

Yet another object of the present invention is to provide a portable insulin and accessory kit for diabetics that the inside portion is divided in three equal sections, each section providing means for the securing and storing of insulin and accessories

Still yet another object of the present invention is to provide a portable insulin and accessory kit for diabetics that an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

Another object of the present invention is to provide a portable insulin and accessory kit for diabetics that is foldable and provides hook and loop fasteners for a secure closure.

Yet another object of the present invention is to provide a portable insulin and accessory kit for diabetics that provides a compact, sanitary means for travel.

Still yet another object of the present invention is to provide a portable insulin and accessory kit for diabetics that in addition, a polymeric, portable insulin storage box is provided comprising a hingedly attached cover to a bottom portion having divided sections for the storage of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

Additional objects of the present invention will appear as the description proceeds.

The present invention overcomes the shortcomings of the prior art by providing a portable insulin and accessory kit for diabetics that is comprised of a polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the

securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides hook and loop fasteners for a secure closure. The diabetic insulin kit of the present invention provides a compact, sanitary means for travel.

In addition, a polymeric, portable insulin storage box is provided comprising a hingedly attached cover to a bottom portion having divided sections for the storage of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles.

The foregoing and other objects and advantages will appear from the description to follow. In the description reference is made to the accompanying drawings, which form a part hereof, and in which is shown by way of illustration specific embodiments in which the invention may be practiced. These embodiments will be described in sufficient detail to enable those skilled in the art to practice the invention, and it is to be understood that other embodiments may be utilized and that structural changes may be made without departing from the scope of the invention. In the accompanying drawings, like reference characters designate the same or similar parts throughout the several views.

The following detailed description is, therefore, not to be taken in a limiting sense, and the scope of the present invention is best defined by the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

In order that the invention may be more fully understood, it will now be described, by way of example, with reference to the accompanying drawings in which:

Figure 1 is an illustrative view of the present invention, an insulin caddy, in use.

Figure 2 is a perspective view of the present invention, an insulin caddy.

Figure 3 is an exploded view of the present invention, an insulin caddy.

Figure 4 is a perspective view of an equipped insulin kit of the present invention.

Figure 5 is a perspective view of the first step in closing the insulin accessory kit of the present invention.

Figure 6 is a perspective view of the second step in closing the insulin accessory kit of the present invention.

Figure 7 is a perspective view of the folded insulin accessory kit of the present invention.

Figure 8 is a partial sectional view of the folded insulin accessory kit of the present invention.

Figure 9 is a perspective view of an alternate insulin accessory kit of the present invention.

LIST OF REFERENCE NUMERALS

With regard to reference numerals used, the following numbering is used throughout the drawings.

- | | |
|----|--------------------------------|
| 10 | present invention |
| 12 | user |
| 14 | elastic fastener |
| 16 | alcohol pads |
| 18 | storage for additional needles |
| 20 | hook and loop fasteners |
| 22 | clear plastic pocket |
| 24 | case |
| 26 | syringe |
| 28 | box |
| 30 | hinge |
| 32 | cover |
| 34 | needles |

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The following discussion describes in detail one embodiment of the invention. This discussion should not be construed, however, as limiting the invention to those particular embodiments since practitioners skilled in the art will recognize numerous other embodiments as well. For a definition of the complete scope of the invention, the reader is directed to the appended claims.

Turning to Figure 1, shown therein is an illustrative view of the present invention 10 in use by a user 12. The present invention 10 is a portable insulin and accessory kit for diabetics 12 that is comprised of a polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for securing and storing insulin and accessories such as an insulin pen or syringe 26, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit 10 is foldable and provides hook and loop fasteners for a secure closure. The diabetic insulin kit of the present invention 10 provides a compact, sanitary means for travel.

Turning to Figure 2, shown therein is a perspective view of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a planar, rectangular case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe 14, alcohol cloths 16 or similar accessories for sterilization and a supply of additional needles 18. The kit 10 is foldable and provides hook and loop

fasteners 20 for a secure closure. Clear plastic pocket areas 22 are also shown.

Turning to Figure 3, shown therein is an exploded view of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a polymeric or water proof material case 24 having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe 26 disposed in elastomeric fastener 14, alcohol cloths 16 or similar accessories for sterilization and a supply of additional needles 18. The kit is foldable and provides hook and loop fasteners 20 for a secure closure. Clear plastic pocket areas 22 are also shown.

Turning to Figure 4, shown therein is a perspective view of an equipped insulin kit of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe 26, alcohol cloths 16 or similar accessories for sterilization and a supply of additional needles 18. The kit is foldable and provides hook and loop fasteners 20 for a secure closure. Clear plastic pocket areas 22 are also shown.

Turning to Figure 5, shown therein is a perspective view of the first step in closing the insulin accessory kit of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for

the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable as shown by arrows 28 and provides mating hook and loop fasteners 20 for a secure closure.

Turning to Figure 6, shown therein is a perspective view of the second step in closing the insulin accessory kit of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable as shown by arrows 28 and provides mating hook and loop fasteners 20 for a secure closure.

Turning to Figure 7, shown therein is a perspective view of the folded insulin accessory kit of the present invention 10. Shown is the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides hook and loop fasteners 20 for a secure closure.

Turning to Figure 8, shown therein is a partial sectional view of the folded insulin accessory kit of the present invention. Shown is the present invention being a portable insulin and accessory

kit for diabetics that is comprised of a case 24 made of polymeric or water proof material having an inside portion divided in three equal sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe, alcohol cloths or similar accessories for sterilization and a supply of additional needles. The kit is foldable and provides mating hook and loop fasteners 20 for a secure closure.

Turning to Figure 9, shown therein is a perspective view of an alternate insulin accessory kit of the present invention 10. Shown is an alternate of the present invention 10 being a portable insulin and accessory kit for diabetics that is comprised of a polymeric box 28 and hingedly at 30 attached cover 32 having an inside portion divided into sections, each section providing means for the securing and storing of insulin and accessories such as an insulin pen or syringe 26, alcohol cloths 16 or similar accessories for sterilization and a supply of additional needles. In the preferred embodiment, three additional needles 34 and four folded alcohol pads 16 are stored lengthwise within the separate chambers of the polymeric box 28. Also shown are an elastic fastener 14 and a fastener 36 for securing cover 32 in a closed position.